

From glowbugs@theporch.com Wed Feb 26 19:03:13 1997
Return-Path: <glowbugs@theporch.com>
Received: from uro (localhost.theporch.com [127.0.0.1])
by uro.theporch.com (8.8.5/AUX-3.1.1)
with SMTP id TAA22313;
Wed, 26 Feb 1997 19:01:50 -0600 (CST)
Date: Wed, 26 Feb 1997 19:01:50 -0600 (CST)
Message-Id: <199702270101.TAA22313@uro.theporch.com>
Errors-To: ws4s@infoave.net
Reply-To: glowbugs@theporch.com
Originator: glowbugs@theporch.com
Sender: glowbugs@theporch.com
Precedence: bulk
From: glowbugs@theporch.com
To: Multiple recipients of list <glowbugs@theporch.com>
Subject: GLOWBUGS digest 458
X-Listprocessor-Version: 6.0c -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 458

Topics covered in this issue include:

- 1) Re: Let us ask: Where did the MFG equipment go? was: Who Makes Tubes?
by bry@mnsinc.com.NO_SPAM (Brian Carling AF4K/G3XLQ)
- 2) Going to a boring social function? Take a schematic along... (fwd)
by Jeffrey Herman <jeffreyh@hawaii.edu>
- 3) Re: [Fwd: Re: 8295A tube]
by Doug <doug@sunrise.alpinet.net>
- 4) MFG stuff
by BOB DUCKWORTH <bob@atl.org>
- 5) Colorburst Sprint Reminder
by Conard Murray <ws4s@InfoAve.Net>
- 6) Looking for specs on 70H3 and 70H9 ptos as possible vfos
by rdkeys@csemail.cropsci.ncsu.edu
- 7) Neat WELL BUILT classic regen receiver design found finally
by rdkeys@csemail.cropsci.ncsu.edu
- 8) Neat dualtriode vfo article that looks usable for BA/GB
by rdkeys@csemail.cropsci.ncsu.edu
- 9) Finally found that info on using Eimac tubes without blowers
by rdkeys@csemail.cropsci.ncsu.edu
- 10) Re: Neat WELL BUILT classic regen receiver design found finally
by mjsilva@ix.netcom.com (michael silva)
- 11) Re: Neat WELL BUILT classic regen receiver design found finally
by rdkeys@csemail.cropsci.ncsu.edu
- 12) Re: Neat dualtriode vfo article that looks usable for BA/GB
by wmcshan@REX.RE.uokhsc.edu (Mike McShan)

- 13) Re: [Fwd: Re: 8295A tube]
by Mike Toneri <toneri@ils.net>
- 14) 160M BA/GB QRG for a few more rounds.....
by rdkeys@csemail.cropsci.ncsu.edu
- 15) More thoughts on a weeceiver sucrets box regennie.....
by rdkeys@csemail.cropsci.ncsu.edu
- 16) FWD: Books for sale
by mjsilva@ix.netcom.com (michael silva)
- 17) Tube prices
by Cesare Lavazza <iw2kpu@radionostalgia.net>

Date: Wed, 26 Feb 1997 03:12:52 GMT
From: bry@mnsinc.com.NO_SPAM (Brian Carling AF4K/G3XLQ)
To: glowbugs@theporch.com
Subject: Re: Let us ask: Where did the MFG equipment go? was: Who Makes Tubes?
Message-ID: <199702260312.WAA04040@news2.mnsinc.com>

For your inspiration & enlightenment:

On Wed, 19 Feb 97 13:53:14 GMT, dallen@melpar.esys.com (Dale Allen)
inscribed eloquently:

|>Just to add my \$.02, Ken Rad (Tube mfr. in KY sold out to GE who
|>sold out to MPD) facilities were closed in May 1993 when MPD made
|>the last 6550. MPD agreed to keep the equipment in storage until
|>a museum could be built by the city.
|> Dale

(Now who will build the museum? - Bry)

Date: Tue, 25 Feb 1997 18:18:21 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: Glowbugs List <glowbugs@theporch.com>
Subject: Going to a boring social function? Take a schematic along... (fwd)
Message-ID: <Pine.GS0.3.93.970225181727.29452C-100000@uhunix3>

I knew in advance it was going to be a long drawn out affair - the dinner buffet would be great but having to sit through 5 hours of speeches and "entertainment" would have me crawling the walls. What to take along? A schematic, of course. Why? Because, unlike reading a book, it doesn't take much concentration to study. Also,

you can periodically look up (so as not to be rude) and not lose your place as easily as with a book. In addition, other folks respect you for bring your "work" along with you.

After those hours studying its schematic, I got to know my HW-16 a bit better Sunday night. Sure makes a radio more fun to operate when you know its "insides" almost by heart.

73 from Hawaii,
Jeff KH2PZ

Date: Tue, 25 Feb 1997 21:51:57 -0700
From: Doug <doug@sunrise.alpinet.net>
To: glowbugs@theporch.com
Subject: Re: [Fwd: Re: 8295A tube]
Message-ID: <3313C16D.2F7A@alpinet.net>

Hi Brian...good to see more from you. I hate to say it, but the supply of "pulls" has pretty much dried up, unless you know a friendly engr. who would be willing to push some your way. This phenomenon is due in part to the migration of the Broadcast industry to more efficient, Phase Modulation, power FET transmitters. The really big stations are still using bottles due to that undeniable fact that there are no 50kw solid state transmitters on the market right now, but who knows what the future holds? And...since the only thing in the world tighter than a broadcaster's wallet is a room full of the blighters, they run those tubes down 'til they're so darn gassy we'd get no dependable use out of them anyhow.

I do occasional maintenance for a local station here and sometimes get to replace the 6 833's in the standby transmitter, but they are now Chinese made (read that C-H-E-A-P!!!) and not very uniform, I'd think long and hard before I went to the effort to design and build an amp using them...it might be a waste of time. So, I usually bring them home and set one or two out in the field on a fencpost....and then use them for target practice.

If you look for them in the present market, some of the older triodes like 833, 304TL/TH and the like are available new from some of the makers and pretty resonable when compared to the fancy new ceramic/metal designs that seem to lead the hobby right now. But, one has to be willing to work around the inherent linearity glitches in some of those old bulbs...making the best of efforts a waste. I've worked with

304's often and found them to be a great amp, acceptably linear and with 3rd order products down around the magic 30 db....assuming good design in the first place. With the increased use of the pi/L network, the nasty's seem to stay bottled up in the amp where they should stay.

So, I think I'd look other places than the Broadcast industry for a supply of tubes, but if you find a good one, use it well!

73

Doug, K7YD
Livingston, MT

Brian Carling wrote:

>
> On 23 Feb 97 at 15:58, Doug spoke about [Fwd: Re: 8295A tube] and
> said:
>
> > I use a 4-1000A in class B gg service...works nicely and gives anwhere
> > from 1200 to 1800 watts out on a good day, remembering that in gg
> > configuration, most of the drive power reappears in the output as
> > energy coupled to the antenna, so you have to figure in that amount
> > for an accurate reading of output.
> >
> > I realize the cost of these big bottles...and it can put a damper on
> > one's plans to build that "perfect" amp. That's one reason I went to
> > the 4-1000 as there used to be a bunch of them available as "Pulls"
> > from the Broadcast industry...not so much any more.
>
> [snip!]
>
> Doug and Co... speaking of BC pulls, does anyone know of any good
> sources of BC pulls like 4-1000, 4-400 or 833 tubes etc. ???
>
> Please e-mail to me at bry@mnsinc.com if you know
>
> There is right now an AMAZINGLY LOUD QSO going on on top of WWV on
> 10.0000 MHz in Spanish that is drowning out WWV!
>
> There are at least four stations - TWO OMs and two YLs all talking like
> CBers "Hola hola hola hola hola!" and stuff like that! It sounds JUST
> like 27 MHz... Unbelievable! They are just JABBERING mindlessly.
>
> Since WHEN did the ITU designate 10.000 MHz as a freq for 2 way
> chatting like this?
> Unbelievable! OK, I digress... sorry, I will try to behave, but you
> should HEAR this crap! Whatever next!
>

> *****
> *** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *
> ** E-mail to: bry@mnsinc.com *
> *** See the great ham radio resources at: *
> ** <http://www.mnsinc.com/bry/> *
> *****

Date: Wed, 26 Feb 1997 05:45:43 +0000
From: BOB DUCKWORTH <bob@atl.org>
To: glowbugs@theporch.com
Subject: MFG stuff
Message-ID: <3313CE07.2AAE@atl.org>

For your inspiration & enlightenment:

On Wed, 19 Feb 97 13:53:14 GMT, dallen@melpar.esys.com (Dale Allen)
inscribed eloquently:

|>Just to add my \$.02, Ken Rad (Tube mfr. in KY sold out to GE who
|>sold out to MPD) facilities were closed in May 1993 when MPD made
|>the last 6550. MPD agreed to keep the equipment in storage until
|>a museum could be built by the city.
|> Dale

(Now who will build the museum? - Bry)

If they will put it in Atlanta, I've just finished setting up
a 5013(c) and am going to negotiate a lease on 11,000 sq ft
today! I only need about 1/2 of the space. Who to call????
If this stuff can be put back to work????

-bob

Date: Wed, 26 Feb 1997 08:48:06 -0600
From: Conard Murray <ws4s@InfoAve.Net>
To: glowbugs@theporch.com
Subject: Colorburst Sprint Reminder
Message-ID: <2.2.32.19970226144806.00750d8c@infoave.net>

>Return-path: <owner-qrp-1@Lehigh.EDU>
>Date: Wed, 26 Feb 1997 00:12:55 -0500 (EST)
>From: Ted Albert <72437.651@compuserve.com>
>Subject: Colorburst Sprint Reminder

>Sender: owner-qrp-1@Lehigh.EDU
>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
>X-To: qrp-1@Lehigh.EDU
>Reply-to: 72437.651@compuserve.com
>X-Listprocessor-version: 8.1 beta -- ListProcessor(tm) by CREN
>
>The fourth night of the Colorburst Sprint is this Thursday, 2/27/97, from
9-10PM
>EST. Participation continues to be strong with a number of stations running
crystal
>control. Don't forget that the Colorburst Sprint presents a great
opportunity to get
>contacts with that Pixie or 80-9er rig, and you may get the opportunity to
work a
>QRP glowbug station, as members of the Glowbug list will be joining us for this
>event.
>
>After the Sprint has closed at 10PM EST, I will switch to 3.686 Mhz and
look for
>QRP contacts. I modified this year's transmitter to offer 3 crystal
frequencies, 3.560,
>3.579 and 3.686 Mhz.
>
>Attached with this note are the rules for the Colorburst Sprint.
>
>Hope you can join us!
>
>72 de Ted, KF8EE
>NE404
>
>-----
>Announcing the :
>
>QRP-NE (QRP Club of New England)
>
> 79er SPRINT
> -----
>
>When: Each Thursday evening during February and March, 1997
>
>Modes: CW - Crystal and VFO Control
>
>Freq: ~ 3.579 MHz
>
>Power Level - 5 Watts or less output power
>
>Time: 9:00 - 10:00 p.m. EST
>

>Exchange - RST QTH NE#X NAME; ie.....579 OH NE404X Ted
>
>Members use QRP-NE number; NE404 and add X if XTAL control; NE404X
>Non-members use Power Level; 4W and add X if XTAL control; 4WX
>
>QSOs are cumulative: Work the same station on subsequent Thursdays.
>Score: QSOs X SPC. Crystal Station Bonus: Total score X 1.5.
>
>The 79er transmitter was NE-QRP's first club project. It uses a
>3579.545 kHz crystal to set the frequency. These crystals are used in
>the colorburst oscillator of all color TV sets in the United States
>and Canada, and in other devices as well.
>
>The 79er event is an on-the-air get together, not a contest.
>Crystal-controlled stations append the letter "X" to their calls,
>such as "KF8EE/X." Yes, it's legal. We hope this event will stimulate
>everyone to build a crystal-controlled transmitter to use during the event!
>
> Send Logs to: Ted Albert, KF8EE
> 1924 Timberidge Drive
> Loveland, OH 45140
> (or)
>
> e-mail Logs to: 72437.651@compuserve.com
>
>Logs need to be received by April 30, 1997. Results will be published
>in "72". State Output Power Level, Type of Rig, and Antenna Type on logs.
>Include comments on the event or how you built your crystal-controlled
>transmitter for inclusion in the report in "72".
>
>
>Watch out: W1AW transmits bulletins at 10:00 pm. on 3.581 MHz
>
>-----
>
>Transmitter Reference articles:
>
>In case you were wondering, "79er" comes from 3.579 MHz
>
>Articles abound on building a simple crystal-controlled transmitter
>for 80 meters. Try the "Universal QRP Transmitter", page 26 of
>"Solid State Design " (ARRL), or "The Oner" (Sprat), or "The Cubic Incher"
>(ARRL), or "The 79er"/"Colorburst Special" (QRP-NE).
>
>-----
>
>
>
>

.-.-.-.-.-. .
. Conard Murray WS4S Glowbugs listowner .
. 217 Dyer Avenue ws4s@infoave.net .
. Cookeville, TN 38501 615-526-4093 .
. <>< Wise men still seek Him ><> .
. QRP-L # 993 .
. -.-.-.-.-. .

Date: Wed, 26 Feb 1997 11:52:45 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com, boatanchors@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()
Subject: Looking for specs on 70H3 and 70H9 ptos as possible vfos
Message-ID: <9702261652.AA101523@csemail.cropsci.ncsu.edu>

I went digging in the bilges for some parts for a project, and found a couple of long-hidden dusty musty military collins type PT0s. One is a 70H3 and the other is a 70H9. They are 2-tuber ptos.

I think the 70H3 is from a T-195/GRC-19, but have no idea what the specs are on the other one. I picked up one at a hamfest and got the other from Fair Radio back when I was a Novice, so they just sat for years. Now, my fingers be gettin' itchy ta fires them up on the BA/GB QRG's if they will cover them.

They are not listed in the usual articles in HamRadio and CQ/73/QST on PT0s, that I can find.

Anyone know the voltages/frequency-ranges/pinouts of either of these PT0s?

TNX/73/ZUT DE NA4G/Bob UP

Date: Wed, 26 Feb 1997 12:10:32 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com, boatanchors@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()
Subject: Neat WELL BUILT classic regen receiver design found finally
Message-ID: <9702261710.AA101588@csemail.cropsci.ncsu.edu>

After great gobs of digging through old hamrags last night trying to find some articles on various topics, I ran across that excellent article on

Hijaime Suzuki's 60's regen receiver that I had mentioned earlier. It is in Feb 66 CQ, pp 89-92, and also referenced in Dec 64 CQ. If you are looking for a latemodel regen design, you might consider something like this. It always impressed me as a very well done design using a 6AU6 and a 6AV6. The only things I would do differently would be to loosen up the antenna coupling, decrease the grid coupling, and choke or xfmr couple out the audio (I don't use xtal headfones), and that is being very picky. It is an impressive little set.

73/ZUT DE NA4G/Bob UP.

p.s. The weeceiver article (regen built on a sucrets lozenge box chassis) is in October 67 CQ pages 23-25. This is a neat teensieweensie set about 2 x 3 x 3 inches in size. If you like TINYTUBEGEAR you will like this one.

p.s. Another very interesting regen article for a 3 tuber with RF stage and speaker output is in August 66 CQ pages 54-57, 105-106. This one uses a grounded grid RF isolation stage, a pentode detector, triode first audio and beam audio output stage, as part of a small xcvr. This is a fairly serious regen receiver and companion transmitter.

Date: Wed, 26 Feb 1997 12:18:37 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com, boatanchors@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()
Subject: Neat dualtriode vfo article that looks usable for BA/GB
Message-ID: <9702261718.AA101619@csemail.cropsci.ncsu.edu>

I know we all need xtals for our pet projects, BUT, there are times when a vfo is worth having, and I found a very simple, neat one that might be of use to the BA/GB folks. It is by E.H.Marriner/W6BLZ in Dec 67 CQ, pp 40-41. Marriner wrote a lot of neat handson stuff in CQ in that era, and this vfo is a very simple Clapp oscillator with cathode follower, using a plain 12AU7 (or equivalent would work too) dualtriode tube, with none of the parts being particularly critical. It could be made to work on 80 M although 160 should work just fine too, by scaling the coil and adding some additional tank capacitance in the Colpitts voltage divider. This thing was designed to be a 3 volt output generic xtal replacement. Ahh, the elegance of simplicity in ham radio.....

73/ZUT DE NA4G/Bob UP

Date: Wed, 26 Feb 1997 12:36:02 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com, boatanchors@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()
Subject: Finally found that info on using Eimac tubes without blowers
Message-ID: <9702261736.AA101677@csemail.cropsci.ncsu.edu>

Some time back, I made mention of using Eimac forced air cooled tubes that one would normally run with blower cooling, but WITHOUT blower air or any forced air cooling at all. Some folks laughed, but so did I. The article is in December 1975 Ham Radio, pp 28-30, and deals with using a 4X150, 4CX150, 4CX250 style tube in a small QRP amplifier for 50-100 watts output. Apparently, the author, W.S. Skeen/W6WR had personally witnessed tests at Eimac (somewhere the data for those is published but I don't know where, anymore) where the data indicated that these normally forced air cooled tubes could be run quite well, in ambient air (unrestricted), with no cooling at all at plate dissipations of 60-70 watts continuous key down. Under intermittent operation they will very easily handle 50 watts plate dissipation, no sweat. The article used this principle to design a neat QRP amplifier for 100 watts cw output without any cooling at all. About 1000vdc/150ma intermittent duty cw plate input could be had from a 7 watt QRP rig. I had a good friend, back when I was a novice, that I used to pal around with that ran a breadboard KW driven by an ARC-5 tx on 80M, running 2250vdc at about an amp through 3 or 4 uncooled 4CX-250B tubes. The thing ran like a battlewagon, for many years on 80CW. Although forced air cooling is the best way to go, it shows you what can be done in non-forced-air cooled mode, if you do it right, and follow the rules. Food for thought for some of those junkbox unknown Eimac forced-air cooled tubes in the 100/200 series that often show up in hamfest boxes, if you can get them for a buck or two, they might make good playtoys.

73/ZUT DE NA4G/Bob UP

Date: Wed, 26 Feb 1997 11:14:53 -0600 (CST)
From: mjsilva@ix.netcom.com (michael silva)
To: glowbugs@theporch.com
Subject: Re: Neat WELL BUILT classic regen receiver design found finally
Message-ID: <199702261714.LAA27966@dfw-ix1.ix.netcom.com>

Bob wrote:

>

>After great gobs of digging through old hamrags last night trying to
>find some articles on various topics, I ran across that excellent
>article on Hijaime Suzuki's 60's regen receiver that I had mentioned

>earlier. It is in Feb 66 CQ, pp 89-92, and also referenced in Dec 64
>CQ. If you are looking for a latemodel regen design, you might
>consider something like this. It always impressed me as a very well
>done design using a 6AU6 and a 6AV6.

Although I'm at work and can't check, I'm sure this article is also in
the back of the 1934 Shortwave Manual (title not exact) sold by Linsay.
This is a great book, 260 pages of regens, superhets and miscellany. I
even noticed that AES is selling it for \$3 less than I paid (\$12.95 in
their catalog). I'd call the book a must-have.

>p.s. Another very interesting regen article for a 3 tuber with RF
>stage and speaker output is in August 66 CQ pages 54-57, 105-106.
>This one uses a grounded grid RF isolation stage, a pentode detector,
>triode first audio and beam audio output stage, as part of a small
>xcvr. This is a fairly serious regen receiver and companion
>transmitter.

I'd sure like to see that article. Can anybody send me a copy (costs
and postage paid for, of course)?

73,
Mike, KK6GM

Date: Wed, 26 Feb 1997 13:41:50 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: Ho4bart@aol.com
Cc: rdkeys@csemail.cropsci.ncsu.edu (), glowbugs@theporch.com,
Subject: Re: Neat WELL BUILT classic regen receiver design found finally
Message-ID: <9702261841.AA101912@csemail.cropsci.ncsu.edu>

> << 6AU6
> and a 6AV6. The only things I would do differently would be to loosen >>
>
> i'm just curious, but in a from scratch construction, i would go
> for something, in a 2-bulb limit, like 6EJ7 det plus 6AK6 audio, or
> maybe even a voltage amp pentode output like 6BA6 thru a big
> stepdown xfrmr to headphones. why not in new construction use
> the best tubes available, unless the idea is to build a
> commemorative type thing, like a 2 x 30 Doerle.
> "Commemorative Regenerative Radio Receiver".....hmm, that makes
> quite a nameplate.....
> hue

Hey, I like the commemorative idea.....Hmmm.... but that aside.....

Regarding using new(er) tube types or ``hotter'' tube types in regen sets:

I have no problem with that. I was just throwing out what others had done. On the average 40/80/160M band use of these, I really can't tell any difference, whatever tubes I use. I am almost always on the lower HF 160/80/40M bands with regenerators. I have made up adapters to test all kinds of things in my HB detectors and in the RAL, and basically it makes no real difference because of the external band noise being more than the receiver noise, mostly. When I first got into regens back in my novice days, I was always trying to find the ideal detector tube. Alas, no one ideal tube exists! The only time I have found much real difference is when you go from a really early tube to a really late tube as in an '01A vs a 6AB4 or such. If you go to the average 6C5/6J5/6SN7 or later triode/dualtriode, there is no real difference in my hands. I have tried tetrodes/pentodes, like 24/34/6SK7/6AU6 and found little difference there either. I did get some difference when I used a 6V6 vs something like the 24 or 6SK7, in that the current through the circuits was higher giving higher effective gain at low voltages from the beam pentodes as compared to the normal RF pentodes. Out of all the tubes I have tried, the 76 has been a little hotter than the rest in triodes, but not by enuf to warrant specific use of it on lower hf. The best tetrode/pentode type regen detector I ever found was that darn '24, but that is hard to find these days. For fun I tried an 807 as a detector and that worked about as well as anything else. Steve Linscott in the early Glowbug days even used an 833 as a regen detector, and that worked pretty well. Although I have not tried nuvistors or acorns as regenerators, everything else seems to make not as much difference as using the proper coils/coupling audio circuits and detector control. In my hands the grid circuit is the most important, with the coupling next in importance, and the audio third. The grid leak and coupling capacitor are the most important things that I have found that affect regen performance. The use of the loosest coupling possible to prevent overloading the detector is second. Throttle control with a good condenser and a good tickler or a good screen potentiometer if using ECO circuits and screen-grid voltage regeneration control comes next. After that it is mostly in the audio circuits and headphones. I tend to prefer transformer coupling at lower voltages and choke coupling at higher voltages. The value of choke is not important, since anything above 10 henries with about 0.1-1ufd coupling cap will work as well as a classic 500h choke and 0.01ufd coupling cap. I find choke coupling gives me easier parts procurement than transformer coupling since I rarely find good audio coupling chokes anymore (occasionally they crop up and AES has some new ones that are fair). Junkbox power supply chokes are quite common and the 0.1 to 1.0ufd 200v milspec unpolarized caps are quite common in junkboxes at hamfests, and in surplus, still. That makes a great audio coupler for input and for output to tin cans. The real National style couplers are scarce as hen's teeth these days, and not really any better than my more cap/less choke approach. Also the DC resistance is much

less in the plain power supply choke compared to the 500h chokes, which makes them work better at lower voltages on the plates (remember I like 36-90 volts on the plates and no more, unless you have a compelling reason to use more).

I guess, my play with them would suggest that the tube used is really of lesser importance than other parts of the 2/3-tuber circuit (detector and one or two-step audio).

I have heard some folks swear that the '34 was the best regen detector ever made, but in my hands it is not that much different from a 6SK7.

I have not used recent battery tubes such as the 1 volt series so I can't compare those to others directly, in regen use. I always stuck to more normal 6/12 volters where I could drag up an auto battery or such as the filament/heater supply.

In the battery tubes I do use, such as the '01A's and '30's, I find they tend to be a bit noiser due to filament grumblings during use compared to an indirectly heated cathode tube, so I would probably stick to an indirectly heated cathode tube for the most serious regens.

Overall, I would think that it would be ok to use any particular tube you had available that would be similar to what others have used in the past. Works that way for me. Put more emphasis on the construction and quality of the work and the particulars of the circuits and almost any tube will do fine in regenerator service.

Bob/NA4G

Date: Wed, 26 Feb 1997 11:27:39 -0600
From: wmcshan@REX.RE.uokhsc.edu (Mike McShan)
To: glowbugs@theporch.com
Subject: Re: Neat dualtriode vfo article that looks usable for BA/GB
Message-ID: <v01540b01af3a22a15c20@[157.142.56.167]>

>I know we all need xtals for our pet projects, BUT, there are times when
>a vfo is worth having, and I found a very simple, neat one that might be
>of use to the BA/GB folks. It is by E.H.Marriner/W6BLZ in Dec 67 CQ,
(snip)
>
>73/ZUT DE NA4G/Bob UP

Ah, so many projects, so little time. I've managed to finish a leetle

1-bottle glowbuggee, but have had NO time to get on the air...the last two months have been spent writing two research grant applications. You guys in academics know what that can do to your personal life (what personal life?). Anyway, March and freedom is coming and then I'll see if my 5W pipsqueak can make it out of the hinderlands to you east coasters.

72/73,
Mike N5JKY

(sorry for sending this to you personally, Bob, when I meant to send it to the list.)

Date: Wed, 26 Feb 1997 13:14:02 -0500 (GMT-0500)
From: Mike Toneri <toneri@ils.net>
To: bry@mail1.mnsinc.com
Cc: Multiple recipients of list <glowbugs@theporch.com>
Subject: Re: [Fwd: Re: 8295A tube]
Message-ID: <199702261814.NAA12260@server1.ils.net>

y
>There is right now an AMAZINGLY LOUD QSO going on on top of WWV on
>10.0000 MHz in Spanish that is drowning out WWV!
>
>There are at least four stations - TWO OMs and two YLs all talking like
>CBers "Hola hola hola hola hola!" and stuff like that! It sounds JUST
>like 27 MHz... Unbelievable! They are just JABBERING mindlessly.
>
>Since WHEN did the ITU designate 10.000 MHz as a freq for 2 way
>chatting like this?
>Unbelievable! OK, I digress... sorry, I will try to behave, but you
>should HEAR this crap! Whatever next!

>
>
>*****
>*** 73 from Radio AF4K / G3XLQ in Gaithersburg, MD USA *
>** E-mail to: bry@mnsinc.com *
>*** See the great ham radio resources at: *
>** <http://www.mnsinc.com/bry/> *
>*****

>
Another shining example of the "International Freebanders" Brian.
73...Mike

Mike & Lynda Toneri E-mail: toneri@ils.net

Date: Wed, 26 Feb 1997 16:15:24 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com, boatanchors@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()
Subject: 160M BA/GB QRG for a few more rounds.....
Message-ID: <9702262115.AA102473@csemail.cropsci.ncsu.edu>

For the fun of it, I will be concentrating the BA/GB effort for a few last of the season hurrahs on the ol' top band. So, I invite any and all BA/GB folks to try 160M for the rest of the week and the weekend at 0300Z (10pm EST) and later until 0500Z or 0600Z or so (i.e., until us oldenpfartes gets horizontal). I will park the zerobeat on 1804 and be listening up and down 1 for 1802 through 1806 and see if anyone be about on watch. I will do the usual CQ BA CQ BA holler atop the hours. I will be using the regennie receivers and Hartleys/ArcusFivies/BiggieOldIron gear. 73/ZUT DE NA4G/Bob UP

Date: Wed, 26 Feb 1997 16:40:18 -0500 (EST)
From: rdkeys@csemail.cropsci.ncsu.edu
To: glowbugs@theporch.com, boatanchors@theporch.com
Cc: rdkeys@csemail.cropsci.ncsu.edu ()
Subject: More thoughts on a weeceiver sucrets box regennie.....
Message-ID: <9702262140.AA102541@csemail.cropsci.ncsu.edu>

Earlier I mused.....

The weeceiver article (regen built on a sucrets lozenge box chassis) is in October 67 CQ pages 23-25. This is a neat teensieweensie set about 2 x 3 x 3 inches in size. If you like TINYTUBEGEAR you will like this one.

After some thinking, and noting that the original used a 3S4 tube and a (GROK!) 2N107 audio stage, and thinking that folks were want to try the pentode triode thingies like the 6U8, 6AN8, etc., one could easily do the weeceiver with such a tube, and run it on 90 volts or so plates. Use a small 10-turn dial knob or other 0-100 dial knob as the tuning scale, and away you go! The whole thing would be much smaller than the usual Velvet Vernier dial..... Move over Dick Tracy, the Wrist Regennie is here..... News at 11.....Batteries not included!

73/ZUT DE NA4G/Bob UP.....(:+}}.....

Date: Wed, 26 Feb 1997 14:23:59 -0600 (CST)
From: mjsilva@ix.netcom.com (michael silva)
To: glowbugs@theporch.com
Subject: FWD: Books for sale
Message-ID: <199702262023.0AA25301@dfw-ix3.ix.netcom.com>

Found this on the boatanchors newsgroup. Lots of goodies!

BEGIN FORWARDED TEXT

From: Eugene Rippen <soundval@foothill.net>
Subject: FS: MORE BOOKS
Date: Wed, 26 Feb 1997 10:48:07 -0800

Following books are for sale:

"THE RADIO AMATEUR'S HANDBOOK" 43rd Ed. 1966 g-vg \$12.00
"THE RADIO AMATEUR'S HANDBOOK" 52nd Ed. 1975 g-vg \$10.00
"THE RADIO AMATEUR'S HANDBOOK" 47th Ed. 1970 f-g \$8.00
"THE RADIO AMATEUR'S HANDBOOK" 31st Ed. 1954 f \$12.00
"THE RADIO AMATEUR'S HANDBOOK" 42nd Ed. 1965 vg \$13.00
"THE RADIO AMATEUR'S HANDBOOK" 29th Ed. 1952 f-g \$13.00
"THE RADIO AMATEUR'S HANDBOOK" 35th Ed. 1958 f-g \$12.00
"THE RADIO AMATEUR'S HANDBOOK" 40th Ed. 1963 p-f \$5.00
"THE RADIO AMATEUR'S HANDBOOK" 28th Ed. 1951 f \$13.00
"RADIO HANDBOOK" 11th Ed. Editors and Engineers 1947 f-g \$13.00
"RADIO HANDBOOK" 12th Ed. Editors and Engineers 1949 f-g \$13.00
"RADIO HANDBOOK" 13th Ed. Editors and Engineers 1951 g \$14.00
"RADIO HANDBOOK" 13th Ed. Editors and Engineers 1951 f \$12.00
"RADIO HANDBOOK" 14th Ed. Editors and Engineers 1956 f-g \$13.00
"VIDEO HANDBOOK" Scheraga & Roche, 1949 5"x7", HB 892 Pages g \$14.00
"TRANSISTOR SUBSTITUTION HANDBOOK" 5th Ed. 1964, Sams, g \$1.50
"TRANSISTOR MANUAL" 3rd Ed. GE, 1958 g \$2.00
"THE RADIO AMATEUR'S LICENSE MANUAL" 50th Ed. ARRL 1963 g-f \$1.00
"THE RADIO AMATEUR'S LICENSE MANUAL" 53rd Ed. ARRL 1964 g \$1.50
"LEARNING THE RADIOTELEGRAPH CODE" 9th Ed. ARRL 1961 g \$1.00
"HINTS AND KINKS" Volume 6, ARRL 1959 f-g \$1.50
"ALLIED DICTIONARY OF ELECTRONIC TERMS" 5th Ed. Allied Radio
1960, g \$1.00
"ALLIED'S RADIO DATA HANDBOOK" 1951 Allied Radio, g-vg \$1.50

Add shipping. One book shipping is \$2.00. Two or more books are a total of \$3.00

for all. Shipping prices in U.S. only.

Eugene Rippen, 105 Donnington, Auburn, CA 95603. No phone calls please.

Please use Email.

If I do not respond in 24 hours, please presume they have been sold, and are no longer available..

END FORWARDED TEXT

73,
Mike, KK6GM

Date: Mon, 24 Feb 1997 15:46:43 +0100
From: Cesare Lavazza <iw2kpu@radionostalgia.net>
To: glowbugs@theporch.com
Subject: Tube prices
Message-ID: <3.0.1.32.19970224154643.006a3f08@radionostalgia.net>

Is is possible to find tube prices over the Net?
Bye.

Email: iw2kpu@radionostalgia.net
WWW: <http://radionostalgia.net/Users/Lavazza>

End of GLOWBUGS Digest 458
